

INTERNATIONAL SEARCH REPORT

PCT/US 03/39036

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N47/22 //(A01N47/22,61:00,59:20,57:12,47:34,47:24,47:14,
47:12,47:04,43:88,43:78,43:76,43:54,43:50,43:40,43:08,37:50,
37:46,37:38,37:34,37:18)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/40431 A (KLITTICH CARLA JEAN RASMUSSEN ;MATHIESON JOHN TODD (US); RIEDER BR) 23 May 2002 (2002-05-23) the whole document	
A	WO 00/42011 A (AOKI SATOSHI ;YAMADA AKIRA (JP); FUJISAWA PHARMACEUTICAL CO (JP)) 20 July 2000 (2000-07-20) the whole document	
A	WO 00/30440 A (MAULER MACHNIK ASTRID ;GAYER HERBERT (DE); BAYER AG (DE); WACHENDO) 2 June 2000 (2000-06-02) the whole document	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

23/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Bertrand, F

INTERNATIONAL SEARCH REPORT

PCT/US 03/39036

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0240431	A	23-05-2002	AU 2864002 A	27-05-2002
			BR 0115452 A	23-12-2003
			CA 2428733 A1	23-05-2002
			CZ 20031300 A3	15-10-2003
			EP 1341534 A2	10-09-2003
			HU 0303859 A2	29-03-2004
			WO 0240431 A2	23-05-2002
			US 2004030189 A1	12-02-2004
WO 0042011	A	20-07-2000	AU 760434 B2	15-05-2003
			AU 1890400 A	01-08-2000
			BR 0008753 A	06-11-2001
			CA 2360360 A1	20-07-2000
			CN 1336917 T	20-02-2002
			CZ 20012562 A3	14-11-2001
			EP 1140836 A1	10-10-2001
			HU 0105108 A2	29-05-2002
			WO 0042011 A1	20-07-2000
			JP 2002534503 T	15-10-2002
			JP 2004002414 A	08-01-2004
			RU 2208608 C2	20-07-2003
			TR 200102038 T2	21-01-2002
			US 2004014745 A1	22-01-2004
			US 6710043 B1	23-03-2004
			ZA 200104713 A	09-09-2002
WO 0030440	A	02-06-2000	DE 19939841 A1	25-05-2000
			AU 752441 B2	19-09-2002
			AU 1046000 A	13-06-2000
			BR 9915518 A	17-07-2001
			CA 2351500 A1	02-06-2000
			CN 1326316 T	12-12-2001
			CZ 20011749 A3	12-12-2001
			WO 0030440 A2	02-06-2000
			EP 1130963 A2	12-09-2001
			HU 0104483 A2	28-03-2002
			ID 29076 A	26-07-2001
			JP 2002530297 T	17-09-2002
			PL 348355 A1	20-05-2002
			TR 200101379 T2	21-11-2001
			TR 200103810 T2	21-06-2002
			TR 200103811 T2	21-06-2002
			TW 521994 B	01-03-2003
			US 2003161896 A1	28-08-2003
			US 6559136 B1	06-05-2003